(Only for new nonprovisional applications under 37 CFR 1.53(b))

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	Attorney Docket No.		10354*3
	First li	nventor	John R. Humphrey
	Title	HARDWARE	ION OF CACHE MEMORY FOR ACCELERATION OF THE FINITE-E TIME-DOMAIN METHOD
	Even	na Mail Labal Ma	ED 063440063 HS

								Expres	s Ma	il La	bel	No.	EF	₹ 86	3440	062	US			
Se	e MP					EMENTS atent application	on cont	ents.	MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450											
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3.	×	Specifica		•		Total Pages	17]]		a. [<u> </u>	1			able Fo	om (C	RF)			
(preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence tisting, a table, or a computer program listing appendix - Background of the Invention								b. ; c. [Spe	J	CD-I	ROM verif	or CD ying id	-R (2 o	opies); of abov	or e copies	s	per		
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- Detailed Description							10.		╡₃	7 CFR	3.73(b) St	atemei	nt		Powe	er of			
4.	х	- Austra				[Total Sheets	5		11.	F	ר ו	when th English			-		ــــا if applid	-J Atton :able)	ney	
5.	Oath	or Declar			•	Total Sheets	H	╡,	12.	卜	٦,	- nformat	ion D	isclos	sure		□ c	opies of	IDS	
	a.	X New	vly execu	ıted (oriç	jinal or c	opy) (unexecut	ed)		13.	F	_	Stateme Prelimin	•			49	LLL Cr	tations		
	b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)						14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)													
i. DELETION OF INVENTOR(S)							15.	Codified Convert Bright, Bonnando												
Signed statement attached deleting inventor(s) named in the prior application,							Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).													
			see 37 C	FR 1.63(c	l)(2) and 1	.33(b).			Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:											
6. X Application Data Sheet. See 37 CFR 1.76									L	` لـ										
sp	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:																			
		applicatio NTINUAT				PS only: The	entire o	lisclosu	re of t	he pi	rior	applica	Art (which	an oa	th or de	claratio	n is supplie	ed .
นก	der B	ox 5b, is c	onsidere	ed a part	of the d	sclosure of the	accon	npanyin	g cont	inua	tio	n or div	islona	al app	licatio	n and	is heret	y Incor	porated by	-
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Under the Paperwork Reduction Act of 1995, no persons are required to	U.S. Patent and Trade	
FEE TRANSMITTAL	**************************************	mplete

428.00

None

for FY 2004 Effective 10/01/2003, Patent fees are subject to annual revision. X Applicant claims small entity status. See 37 CFR 1.27

METHOD OF PAYMENT (check all that apply) Money Order

TOTAL AMOUNT OF PAYMENT

X Check

Deposit Account:

PTO/SB/17 (10-03) Approved for use through 7/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE											
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				Com	plete if Known						
ı	Applic	cation	Numb	er	Not Yet Assigned						
- [Filing	Date			March 24, 2004						
ı	First I	Named	Inver	ntor	John R. Humphrey						
4	Exam	iner Na	ame		Not Yet Assigned						
١	Art Ur	nit			N/A						
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FEE CALCULATION (continued)											
ADDITIONAL FEES											
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51	130	2051	65	Surcharge	e - late filing fee or oath						
52	50	2052	25	Surcharge sheet.	e - late provisional filing fee or cover						
53	130	1053	130	Non-Engli	sh specification						
12	2,520	1812	2,520	For filing a	request for ex parte reexamination						
04	920*	1804	920°	Examiner	g publication of SIR prior to action						
05	1,840*	1805	1,840*	Requestin Examiner	g publication of SIR after action						
51	110	2251	55	Extension	for reply within first month						
52	420	2252	210	Extension	for reply within second month						
53	950	2253	475	Extension	for reply within third month						
54	1,480	2254	740	Extension	for reply within fourth month						
55	2,010	2255	1,005	Extension	for reply within fifth month						
01	330	2401	165	Notice of	Appeal						
02	330	2402	165	Filing a bri	ief in support of an appeal						
03	290	2403	145	Request fo	or oral hearing						

(Complete (if applicable))

Date

Telephone (302) 658-9141

March 24, 2004

Number			03-2775			Code	(\$)	Code	(\$)	Fee Description	Fee Paid
Deposit Account	Connolly	v Bov	e Lodge 8	& Hutz LLF	5]	1051	130	2051	65	Surcharge - late filing fee or oath	
Name			check all that		_	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
Charge	e fee(s) indic	cated be	alow X	Credit any ove	erpayments	1053	130	1053	130	Non-English specification	
X Charge	(s) or any unde	erpayment of fee	e(s)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
Charge	e fee(s) indic	cated be	elow, except fo	or the filing fee		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
to the above	e-identified	deposit	t account.			1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
	F	EE C	ALCULATI	ON		1251	110	2251	55	Extension for reply within first month	
1. BASIC	FILING	FEE				1252	420	2252	210	Extension for reply within second month	
Large Entity	y Small E	Entity				1253	950	2253	475	Extension for reply within third month	
Fee Fee Code (\$)	Fee	Fee (\$)	Fee Desc	<u>cription</u>	ee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770	2001	385	Utility filing	g fee	385.00	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340	2002	170	Design filii	ng fee	•	1401	330	2401	165	Notice of Appeal	
1003 530	2003	265	Plant filing	fee		1402	330	2402	165	Filing a brief in support of an appeal	
1004 770	2004	385	Reissue fi	ling fee		1403	290	2403	145	Request for oral hearing	
1005 160	2005	80	Provisiona	al filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
		HIDTO	OTAL (1)	(\$)	385.00	1452	110	2452	55	Petition to revive – unavoidable	
	•	00010	JIAL (I)	(4)	365.00	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA	CLAIM	FEES	FOR UTIL	ITY AND R	EISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
			Extra F Claims	ee from below	Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims	16 -	-20** =	x		0.00	1503	640	2503	320	Plant issue fee	
Independent Claims	4	-3** =	1 x	43.00 =	43.00	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dep	endent			=		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity	/ Small E	ntity				1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee Fee Code (\$)		Fee (\$)	Fee	Description		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18	2202	9 CI	laims in exces	ss of 20		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1201 86	2201	43 In	dependent cla	aims in excess	s of 3		770	2042	205	For each additional invention to be	
1203 290				dent claim, if n	•	1810	770	2810	385	examined (37CFR 1.129(b))	
1204 86	2204	43 **	Reissue inde over original	ependent claim	ıs	1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18	2205	9 **	Reissue clair	ns in excess o	of 20	1802	900	1802	900	Request for expedited examination of a design application	
	1		and over orig	ginal patent		Other f	ee (spec	ify)			
		SUBT	OTAL (2)	(\$)	43.00	*Redu	ced by E	Basic Fil	ling Fee	Paid SUBTOTAL (3) (\$)	0.00
**or numbe	f greater; For	Reissues, see	above	ŀ							

V		
Express Mail Label No. ER 863440062 US	Dated: March 24, 2004	

Registration No. (Attorney/Agent)

40,408

SUBMITTED BY

Signature

Name (Print/Type) James M. Olsen

Attorney Docket No.: 10354*3

Certificate of Express Mailing Under 37 CFR 1.10

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on <u>March 24, 2004</u>
Date

James M. Olsen

Signature

Typed or printed name of person signing Certificate

Note:

Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Postcard

Check for \$428.00 Application Data Sheet

Utility Patent Appliction Transmittal

Fee Transmittal Specification Drawings

Combined Declaration and Power of Attorney (unexecuted)